

COMPUTER COMPONENT OPERATING TEMPERATURE INSPECTING METHOD
AND SYSTEM WITH DEADLOCK RECOVERY CAPABILITY

ABSTRACT OF THE DISCLOSURE

A computer component operating temperature inspecting method and system is
5 proposed, which is designed for use with a computer component that is equipped with a
built-in temperature detecting function and is based on a standardized bus architecture,
such as SMBus (System Management Bus) and I2C (Inter Integrated Circuit) compliant
SMBus/I2C bus architecture, for the purpose of inspecting the current operating
temperature of the computer component via the bus architecture, and which is capable of,
10 in the event of the computer component being subjected to a deadlock condition, restoring
the computer component back to normal operation to allow the computer component's
current operating temperature to be able to be inspected. This feature can help protect the
computer component from being burned out due to overheat that is otherwise undetectable
in the event of deadlock, thereby ensuring the operating reliability of the entire computer
15 system.

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